



SONLIGHT

Science B

4-DAY



INSTRUCTOR'S GUIDE

Science (4-Day)

Animals, Astronomy, and Physics

by The Sonlight Team

*“The heavens declare the glory of God; the skies
proclaim the work of his hands.”*

Psalm 19:1 (NIV)

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Sonlight Curriculum® “Intro to the World: Cultures” (5-Day) Instructor’s Guide and Notes, Twenty-Ninth Edition

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“Do to others what you would have them do to you”
(Matthew 7:12).

“The worker is worth his keep” (Matthew 10:10).

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1 Introduction to Your Instructor’s Guide

- Table of Contents

2 Schedule, Notes and Activity Sheets

- A Weekly SCHEDULE for Science
- ACTIVITY SHEET ANSWER KEYS

Science B

Days 1–4: Date: _____ to _____

Week Overview																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36

Week 1				
Date:	Day 1	Day 2	Day 3	Day 4
<i>The Usborne World of Animals</i>	pp. 6–7 N	pp. 8–9	pp. 10–11	
Activity Sheet Questions	#1 N	#2–3	#4–5	
Do Together	Kids' Choice		The World Around You	
Discover & Do Level 1 DVD				Introduction to science with magnets Tracks #35–38
Science Activities, Vol. 1				"What can a magnet do?" pp. 26–27 N
Activity Sheet Questions				#6
Supplies	We provide: BSK—2 magnets, thumbtacks, paper clips, tape. You provide: Science Notebook N: sheets of paper tied with yarn or a spiral bound notebook or an artist's sketchbook (use for all experiments); assorted items (examples: jewelry, keys, coins, bottle caps, mug, scissors, foil, etc.); thread; paper; paints or crayons; large box.			
Shopping/Planning List	For next week: ruler, scissors, thread.			
Additional Subjects:				

The Usborne World of Animals

Day 1 pp. 6–7

Note to Mom or Dad: The book says, "Earth is the only known planet to support living things." Isn't that amazing? Scientists known as astrobiologists attempt to find signs of life in space. While other planets have been discovered, the conditions necessary for them to support life would need to be finely-tuned in a number of ways for life to be able to survive in these worlds. Is earth just a lucky planet capable of sustaining life or is there a greater design involved? Although this documentary is too advanced for young children, you might want to take a look at the DVD

The Privileged Planet (Illustra Media, 2004) to learn more about the idea that earth is finely-tuned in a number of ways to support life.

As the book points out, a basilisk lizard can run on water. But it can do so only because it doesn't weigh much (from 2 grams up to about 7 ounces) and because it moves quickly. Because of this unique ability, these lizards have actually gotten the nickname Jesus lizards, referring to Jesus and his miracle of walking on water (Matthew 14: 25–31; John 6:16–21). By the way, after about 15 feet of running on water, a basilisk sinks and starts to swim, making it more of a Peter lizard than a Jesus lizard.



The Usborne World of Animals

Note: We have provided lines for dictation. Simply note your children's answers as you talk about each question.

1. Where will you find the most animals living in one place? (p. 7)

- ☐ North America ☐ Deserts
☐ Antarctica ☒ Rainforests



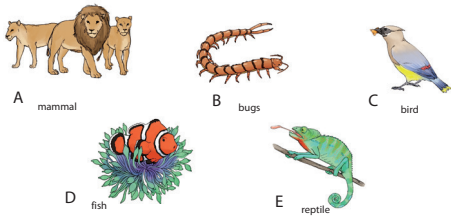
2. Write the letter of the correct picture next to each statement that describes that kind of animal. (pp. 8–9)

(E) All have dry, scaly skin. (C) All have feathers.

(B) All have six or more legs. (C) All have wings.

(D) All live in the water. (C) All lay eggs.

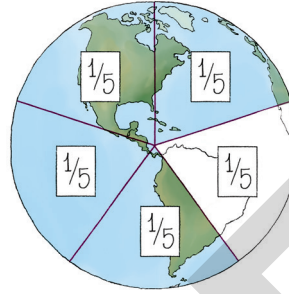
(A) Mothers feed milk to their babies. (A) All have hair or fur to keep warm.



Animals, Astronomy, and Physics | 4-Day | Week 1 Activity Sheet



3. What fraction of all animals are bugs? Shade the picture of the Earth to show your answer.* (p. 9)



*Mom or Dad: If this is your children's first experience with fractions, you may want to talk through this question.

Week 1 Activity Sheet | 4-Day | Animals, Astronomy, and Physics



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_____ All have wings.

_____ All live in the water.

_____ All lay eggs.

_____ Mothers feed milk to their babies.

_____ All have hair or fur to keep warm.



A

mammal



B

bugs



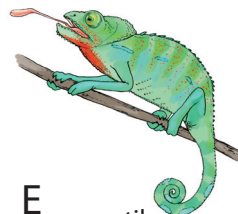
C

bird



D

fish

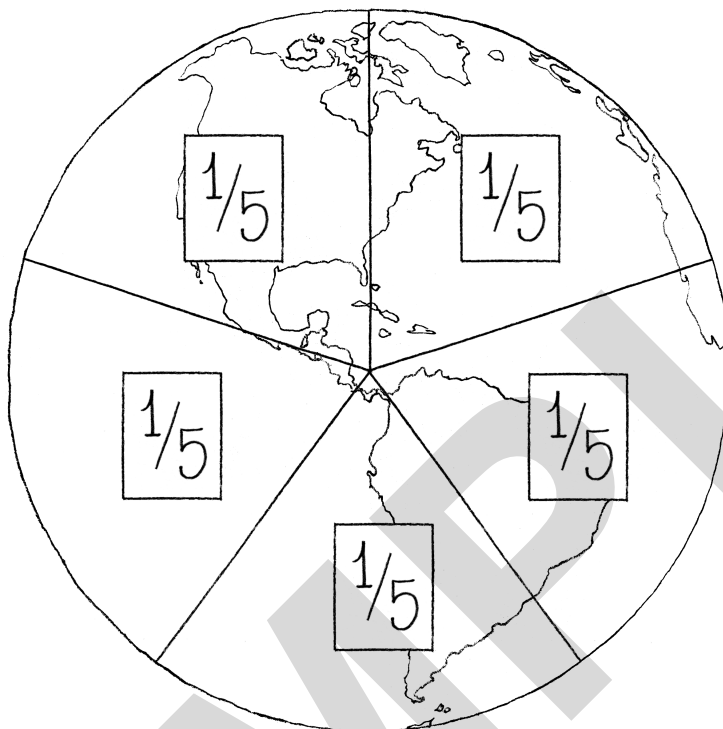


E

reptile



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